Supplementary Figure 1

A time series of correlation coefficients ($r$) between 1°×1° geographic grids of total annual effort reported in logbook and observer records of the Hawaii-based longline fishery from 1995 through 2014. When the time series of summed total annual effort were compared, logbook and observer data had an $r$ value of 0.97. The time series of mean latitude and longitude of annual effort are both correlated with an $r$ value of 0.97.